



# INSTALLATION INSTRUCTIONS

**PART No.**

**FB22366**

**2021+ Ford F150 (Excluding Raptor)  
Pelican Front Bumper**



**VIDEO AVAILABLE**



## REQUIRED TOOLS

4mm Allen Key  
10mm Wrench  
13mm Socket  
13mm Wrench  
File  
22mm Socket  
3/8" Drill Bit  
Tape

Help of a friend

## KIT CONTAINS

Pelican Front Bumper  
D-Ring  
Fog Light Bracket  
Non-Winch Spacer  
Adhesive Foam  
M14 Flat Washer  
M14 Flange Nut  
M14 Hex Screw  
M8 35mm Hex Screw  
M8 30mm Hex Screw  
M8 25mm Hex Screw  
M8 24mm Flat Washer  
M8 16mm Flat Washer  
M8 Nyloc Nut  
M6 Countersunk Bolt  
M6 Nyloc Nut  
M6 Flat Washer

## QTY

1  
2  
2  
2  
8  
8  
4  
4  
2  
2  
2  
6  
6  
6  
4  
4  
4

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With a 3/8" drill bit, drill out the bolt hole shown below.

#### 1) REMOVE EXISTING BUMPER

Begin removing your vehicle's existing front bumper, fog lights, sensors, and grille. We show how to remove and disassemble your factory bumper over at

[www.YouTube.com/FishboneOffroad](http://www.YouTube.com/FishboneOffroad)



#### 2) ASSEMBLE

Loosely install the fog light brackets onto the bumper using the included 4 M6 countersunk bolts, washers, and nuts with a 10mm socket and 4mm Allen key.



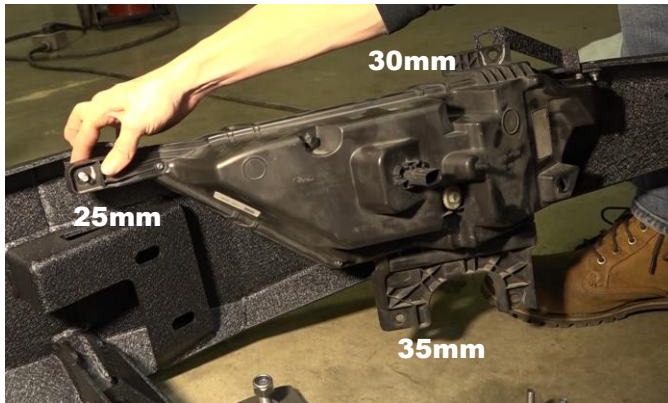
Loosely install your fog lights into the bumper using the M8 25mm, 30mm, and 35mm bolts using a 13mm socket. These bolts and washers are locations specific. The 35mm bolt secures the drilled hole, the 30mm secures to the fog light bracket, and the 25mm secures to the inside of the bumper.

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Ensure the lights are adjusted to your preference, and tighten down all the hardware.

Remove your factory sensor bezels from the factory bumper, and install them into the new bumper in the same locations. If the bezels will not snap in, you will need to file the inner tabs due to the Fishbone bumper being thicker than factory.



Install your sensors and power harness in the same location as the factory orientation.



Install the included foam paddings onto the 2 mounting brackets, and the bottoms of the d-ring mount reinforcements. If your vehicle does not have a winch plate, place the remaining foam on both sides of the two included spacers. If you plan on installing Fishbone's Winch Plate Adaptor Kit, place the remaining 4 pads on both sides of its mounting locations, which lay between the frame skid plate.



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Using tape, adhere the two factory tow hook nut plates into the shown slot so that it doesn't slide around during installation.



Remove your vehicle's intercooler shroud.



### 3) **INSTALL**

With the help of a friend, slide the d-ring reinforcements into the frame. The frame will lay between the reinforcement and skid plate. The bumper should now support itself.



If you do not intend to run a winch plate, insert the spacers in between the bumper and bottom of the frame at this time.



Reinstall the factory bolts with a 15mm socket.

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Using the included M14 bolts, washers, and nuts, secure the bumper to the frame using a 22mm socket.



Reconnect your fog lights and sensor harness.

If your vehicle comes with an Automatic Cruise Control unit, use our ACC Relocation Bracket in the grille, and connect the harness.

Reinstall your grille